



Dear Editor,

Every time it rained, the ground fault circuit interrupter on our 15-KW tactical quiet generators (TQG) would trip.

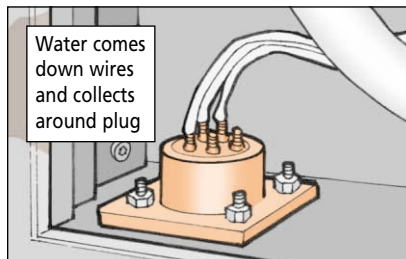
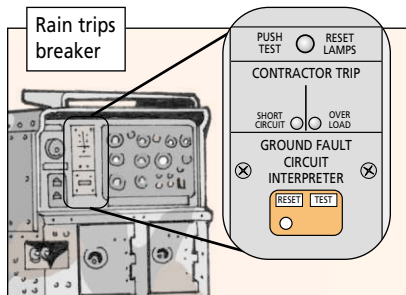
The problem was the J16 plug located on the bottom of the output box assembly, just below the voltage reconnection panel. When the door to this compartment is bent, when it has a worn seal or does not close properly, water leaks and collects around the J16 plug.

It doesn't take much moisture to short out the input wires.

I solved the problem by insulating the plug with RTV.

First, make sure the plug is *completely* dry. Then apply the RTV at the top of the plug where the wires are exposed.

SPC Carlos Torres  
Ft Hood, TX



### From the desk of the Editor

Fine job, Specialist. This is also a problem on the 30- and 60-KW generators. CECOM is aware of this. New production generators will have heat shrink around the J16 plug wires and should solve the problem. RTV is fine for those generators in the field with the problem. Just make sure the RTV fully covers the electrical wires from the wire insulation to the J16 connector.

Also, replace the seal on the access door to the compartment or get a new door if the old one won't close.